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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/751,539	SIDEBOTTOM ET AL.
	Examiner	Art Unit	
	Anthony Sol	2419	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *1/26/2009*.

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1,2,8-12,16,18,20-24,26-29,31 and 33-35* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1,2,8-12,16,18,20-24,26-29,31 and 33-35* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____.

       3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

- Applicant's Amendment filed 1/26/2009 is acknowledged.

- Claims 2, 8-10, 12, 21-24, 26-29, 31, and 35 have been amended.

- Claims 1, 2, 8-12, 16, 18, 20-24, 26-29, 31, and 33-35 remain pending.

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1, 8-12, 16, 20-24, 26-29, 31, and 33-35 are rejected under 35

U.S.C. 102(e) as being anticipated by Pub. No. US 2003/0212904 A1 ("Randle").

Regarding claims 1, 8, 10, 11, 23, 26, 28, 29, 31, and 35,

Randle shows in figs. 1A and 1B a service gateway 10, 14 (note that the

combination of components 10 and 14 is mapped to the service gateway as claimed) in

communication with a first entity 12a-n and a second entity 13a-n (para. 39, The user

may be associated with one or more channels or institutions 12a-

n (which may optionally be used by an end user), or the user may

be a destination in a plurality of destinations 13a-n, as shown

in FIG. 1B), the service gateway comprising a first interface module 14a to receive, from the first entity, a message requesting performance of a service (para. 47, The user initiates a request in the form of a message 20 through a channel 12a-n. The message 20 includes information, such as a sign-on protocol 43 (See FIG. 4)) in an extensible set of services offered by the second entity (para. 42, As new applications are built, interoperability with other services is designed into present system; para. 107, IFX provides an open standard, eliminating the need for a second message layer, leverages multiple industry players for best-of-breed solutions, provides a robust message set, meshes nicely with XML, and is extensible in a predefined process), the message including a service name that corresponds to the service and an argument that includes data useful in performing used to perform the service (para. 48, As an example, a message in the preferred embodiment would include the name of the request, such as a request for authentication; the name of a request component, such as the type of channel 12 is an ATM; an element of the request containing data, such as user ID; and the name of a simple business request within a service, such as an account balance inquiry), an access control module 25 (para. 50, FIG. 2A depicts the receipt of a message 20 composed in a normalized language. The message 20 is received by a processor 25, which coordinates a

channel device session identification look-up 22 and creates a

session cache entry 23. The processor 25 decodes the message 20)

to make a first determination of whether the first entity is permitted to request

performance of the service corresponding to the service name, make a second

determination of whether the argument is permitted to be provided by the first entity,

and make a third determination of whether the argument is permitted to be requested

for the service corresponding to the service name, (para. 54, In the preferred

embodiment, when the session 28 is established, a service

profile is created listing valid items, requests, and/or

services that may be contained in a message 20 and/or executed

by the user and/or device making the request. The service

profile corresponds to a profile 40 (See FIG. 4) listing

products, accounts, services, and so on, available for that user

at a given destination 13a-n. Further access control may be

applied based on core elements included in the message 20 or on

file profiles for service providers and the like), and a second

interface module 14n to selectively request performance of the service by the second

entity 13a-n based, at least in part, on results of the first, second, and third

determinations of the access control module (para. 54, .The service profile

corresponds to a profile 40 (See FIG. 4) listing products,

accounts, services, and so on, available for that user at a

given destination 13a-n).

Additionally for claim 26,

Randle discloses a service activation component 10 configured to provide the

services to the subscribers 12a-n, and a service gateway 10 configured to act as a

single point of contact between the retailer systems 12a-n and the service activation

component, the service gateway providing controlled access, by the retailer systems, to

the services provided by the service activation component, the service gateway

permitting each of the retailer systems access to a subset of the services provided by

the service activation component via the controlled access (para. 39, The present

invention provides for the integration of related and nonrelated

channels, devices and services. FIG. 1A shows an overview of

the present invention. The invention comprises an integrator 10

in contact through a network 11 with at least one user having a

relationship with the integrator 10 or a relationship with

another user or entity that is connected to the integrator. The

user may be associated with one or more channels or institutions

12a-n (which may optionally be used by an end user), or the user

may be a destination in a plurality of destinations 13a-n, as

shown in FIG. 1B. In the preferred embodiment, the user is a

financial institution and the network is the Internet. The

system may be accessed using both wired and wireless means).

Regarding claim 9,

Randle shows in fig. 4 an embodiment of the invention for the secure processing

of financial documents, such as a check. The process is initiated at a channel 12, such

as a point of sale or transaction from a purchaser to a merchant, capturing certain

information, such as the MICR line and check amount from the check of the purchaser

and a purchaser-supplied credential 43 for authorization and/or authentication. Further

access control may be applied based on user-to-account (in the case of on behalf of),

owner to account, account-to-account relationship, and service provider and requestor

to user relationship rules (claimed plurality of service activation components)(para. 77).

Randle further discloses a second entity locator 25 configured to obtain

information associated with the service activation components, and wherein where the

second interface module 14n is further configured to contact the second entity locator to

identify one of the service activation components from which to request performance of

the service (para. 79, In the preferred embodiment, an adapter 14

converts any message 20 transmitted in a nonstandardized

language to an XML message 24. The adapter 14 then routes the

translated message to the processor 25, which decodes the

message, confirm the user, and determines a determinate, used to

determine the destination 13a-n of the request. The processor

25 forwards the message to a destination 13a-n that can respond

to the request made from the channel 12. An adapter 14a-n

linked to the processor 25 and the network 11 may be used to

translate the message into a format recognized by the
destination 13a-n. The adapter 14a-n adapts the message 20 to an
acceptable format that will allow the destination 13a-n to
respond to the request of the message, and then forwards the
message to the destination 13. The destination 13 determines if
the request of the message is available to the user through
comparison of information contained in the message to a
preexisting service profile 40 (as shown in FIG. 4) for that
user. The service profile 40 in the checking embodiment
includes, but is not limited to, account validation, funds
availability, verify against positive pay files, evaluate for
propensity for fraud, and the like).

Regarding claims 12 and 22,

Randle discloses that network 11 of fig. 1A may be the Internet (para. 39).

Regarding claims 16, 20, 21, 24, 33, and 34,

Randle discloses that based upon the content of the message 20 and/or any **mix
of the following**: the particular channel 12a-n, the request contained in the message
20 made by a user using that channel 12a-n, the services provided from that channel
12a-n, the owner of the channel 12a-n or family of service providers that it belongs to,
the credential presented and/or required for authentication and/or authorization of a
user using that channel 12a-n, and the language and/or interface of the destination

13a-n of the user's request contained in the message 20, is recognized (para. 51).

Randle further discloses that before processing the content of the message 20, if the message is from an untrusted channel, the sign-on information is validated as shown the Figures. After any required translation by the adapter 14, the processor 25 determines and executes a determinate. The determinate is used to determine the security service 29 used to validate the sign-on information contained in the message 20. Validation is performed by a multidimensional decision process that may include the comparison of sign-on information contained in the message 20 to data, such as a reference table or corresponding determinate that includes specific information associated with the user, including passwords, biometrics, codes, and the like, stored either internally or externally at the security service 29. Validation may also be based on confirmation of role and/or rules associated with the user, device or channel. If no verification is attained, a denial is sent back to the processor 25, which relays the denial to the channel 12, which may prompt the user to retry the sign-on protocol or request additional identifying information, such as a preset answer to a question.

Regarding claim 27,

Randle discloses that session is related to, and is a critical element of, security. In the system of the present invention, a unique session object or key is created that allows use of external and internal security applications, which allows the system to switch among many security applications based on elements in a given request or activity. The present invention provides a universal service for security that provides a

path to single sign-on. By using a unique session, a link is created to all systems

interactions for a given session key that can be tied to logging, journaling, and error

reporting to provide for non-repudiation (claimed network services)(para. 61).

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 2 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Randle in view of US 2003/0055968 A1 ("Hochmuth").

      Regarding claims 2 and 18,

      Randle discloses that an interface is provided that allows multi-credential, multi-

service, multi-role, and multi-channel based <u>routing</u> to multiple authorization and

authentication providers independent of the location of the credential, language or

dialect used by the channel (para. 98, see also paras. 80 and 107)

      Randle does not disclose that the activation component is configured to configure

a router to deliver a service.

      Hochmuth discloses reconfiguration may also involve steps such as, but not

limited to, configuring network devices to move a port on which network resource 42 is

connected from one cell to another, configuring a router's access control list (ACL)

and/or other parameters (para. 44).

It would have been *prima facie* obvious to one of ordinary skill in the art at the

time of the invention was made to modify the integration system of Randle to provide a

capability to provide router configuration service as taught by Hochmuth. One skilled in

the art would have been motivated to make the combination to permit or deny access to

network resource 42 through any network connection, and/or configuring a firewall

(Hochmuth, para. 44).

Response to Arguments

5.   Applicant's arguments with respect to claims 1, 2, 8-12, 16, 18, 20-24, 26-29, 31,

and 33-35 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Anthony Sol whose telephone number is (571)272-5949.

The examiner can normally be reached on M-F 7:30am - 4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jay Patel can be reached on (571) 272-2988. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

/A. S./
Examiner, Art Unit 2419

/Jayanti K. Patel/
Supervisory Patent Examiner, Art Unit 2419